

## Application Note

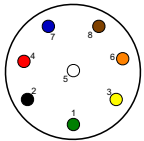
GSCM-Mini-i Generator Start Module  
configuration for a Genconnex EU3000isRS  
using a dry contact for start/stop

### Legend

Male 1/4" Faston tab protruding from module



EU3000isRS 8pin Connector



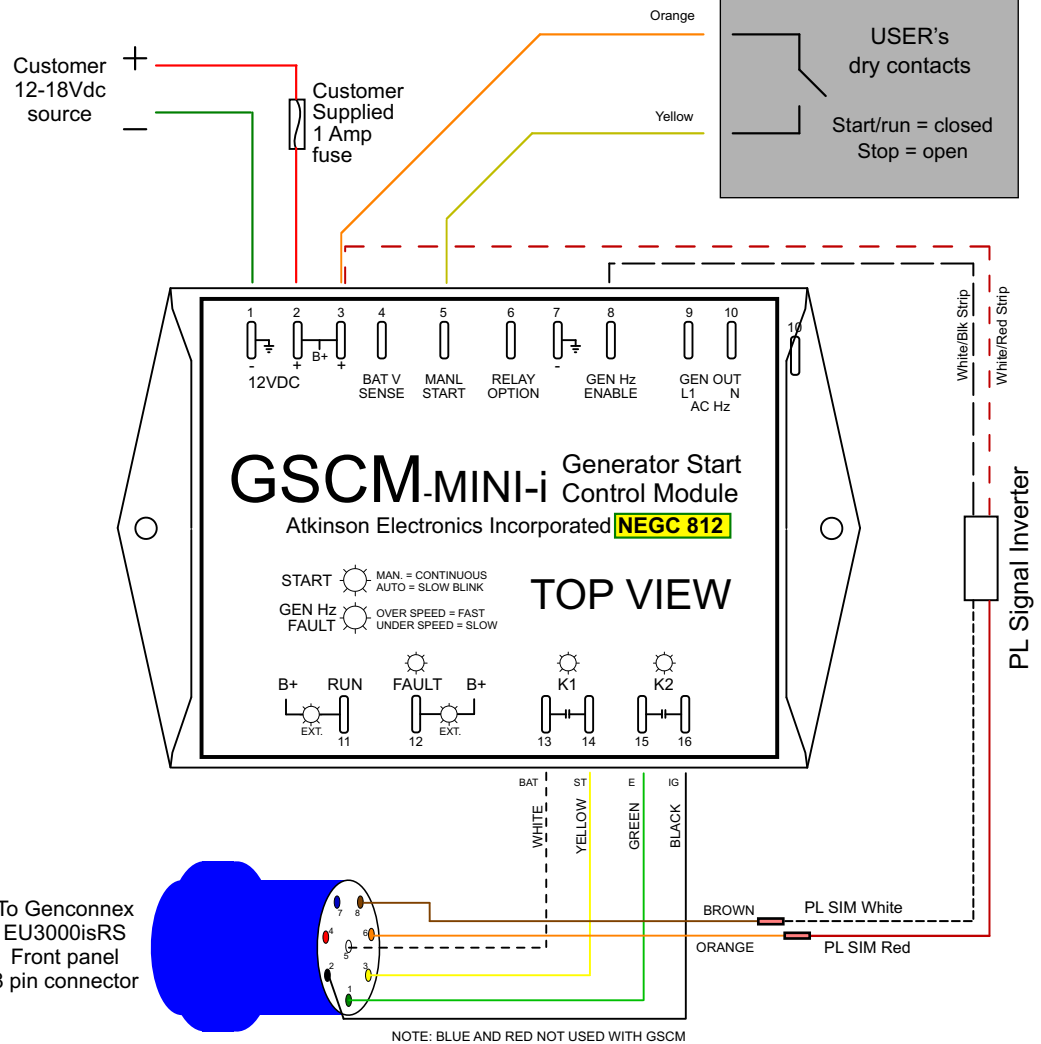
1. Green "E"
2. Black "IG"
3. Yellow "ST"
4. Red ECO
5. White "Bat"
6. Orange PL
7. Blue ECO
8. Brown PL

K1 = Starter Relay  
closes momentarily to  
mimic pushing start button  
Will attempt 3 starts before error

K2 = Main Power Relay  
closes sustained to power generator  
controller and opens to turn off generator



NOTE: Only the Genconnex EU3000isRS model comes with the external 8 pin connection port. No other versions or models are compatible.



# Quick TIPS

## **GSCM-Mini Power:**

- 1) DO NOT use the generator's battery to power the GSCM-mini. When the starter first engages it puts a very large load on the generator's battery and the voltage may fall low enough to reset the GSCM-mini.
- 2) If an error occurs, reset the GSCM-mini by removing power to pin 2 for 3 seconds. This can happen for instance if you turn off the generator with the key after the GSCM-mini initiated a start. The GSCM-mini will flash its "START" LED quickly in the color red to signal an error.

## **GROUNDING:**

- 1) Make sure to run a ground wire (16awg or larger) from the generator's frame grounding lug (see Honda manual for location) to your solar inverter ground.

## **STARTING:**

- 1) IT CAN TAKE UP TO 3 ATTEMPTS to start when cold.
- 2) The key must be left in the "ON" position.
- 3) You can start/stop the generator from both the GSCM-mini or key switch.
- 4) The battery will not drain faster if you leave the generator key "ON"

## **COLD WEATHER OPERATION:**

- 1) For operation below 0deg F an additional battery should be added in parallel to the generator battery for the required additional cranking amps.